

FIGURE 1

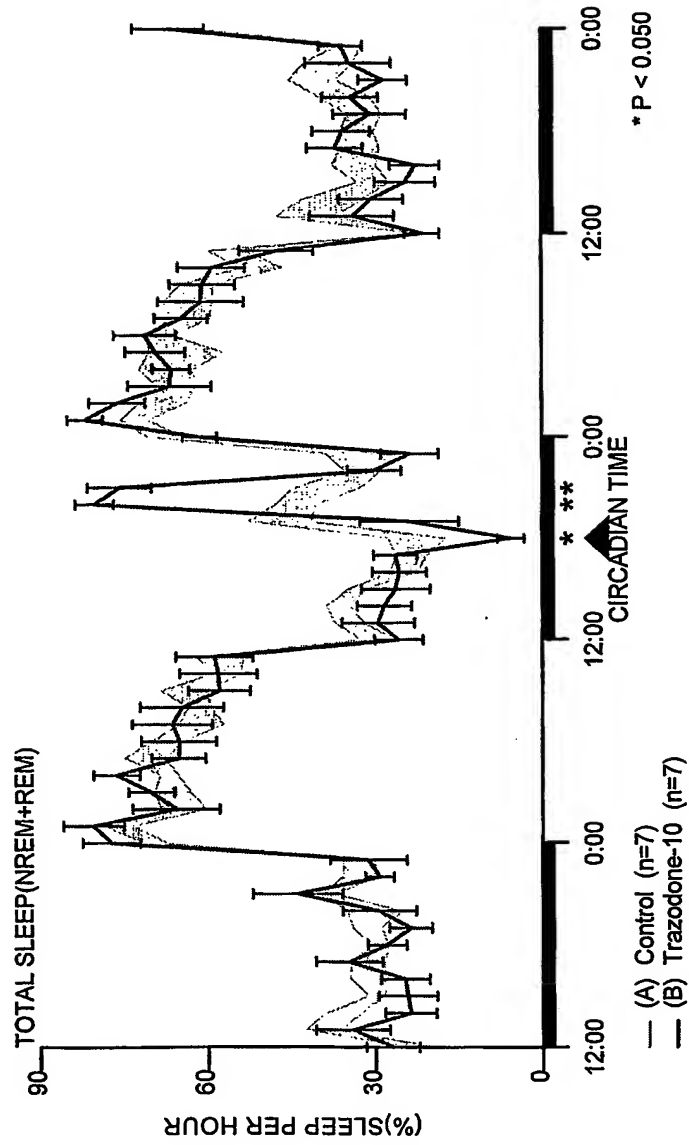
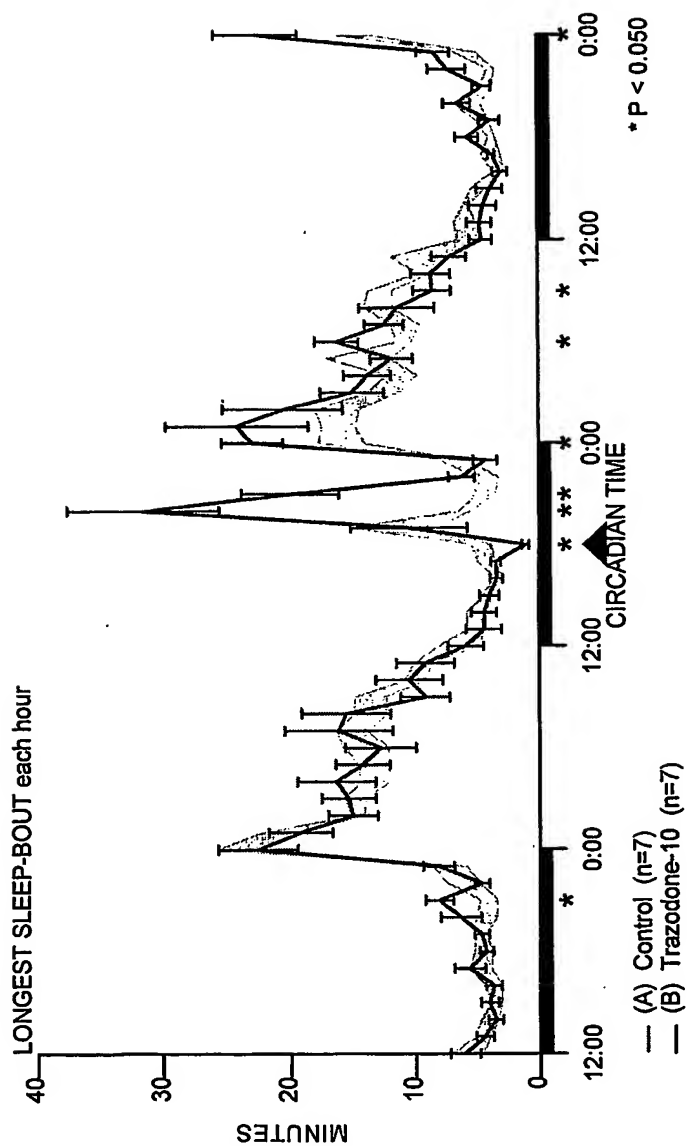


FIGURE 2



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Figure 1 consists of two line graphs, (A) and (B), showing NREM sleep percentage per hour over a 24-hour period. The y-axis is labeled 'NREM SLEEP (%) NREM PER HOUR' and ranges from 0 to 80. The x-axis is labeled 'CIRCADIAN TIME' and shows a 24-hour cycle with markers for 0:00, 12:00, and 0:00. Graph (A) represents the vehicle group (n=7) and Graph (B) represents the 10mg/kg IP group (n=7). Both graphs show a circadian rhythm with higher sleep during the dark period (12:00 to 0:00) and lower sleep during the light period (0:00 to 12:00). The 10mg/kg IP group shows significantly higher sleep during the light period compared to the vehicle group. Statistical significance is indicated by asterisks (*, ***) and a p-value of less than 0.025.

(A) Methylcellulose vehicle 1ml/kg IP (n=7)
 (B) mm-CPP 10mg/kg IP (n=7)

* P < 0.025

FIGURE 4

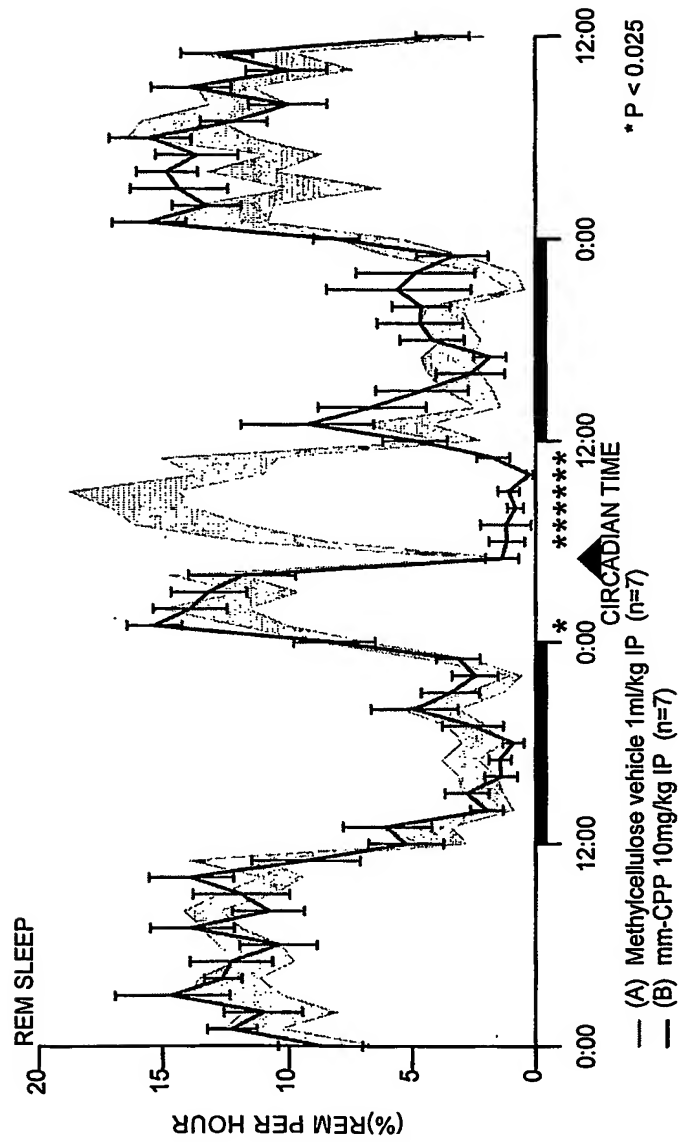


FIGURE 5

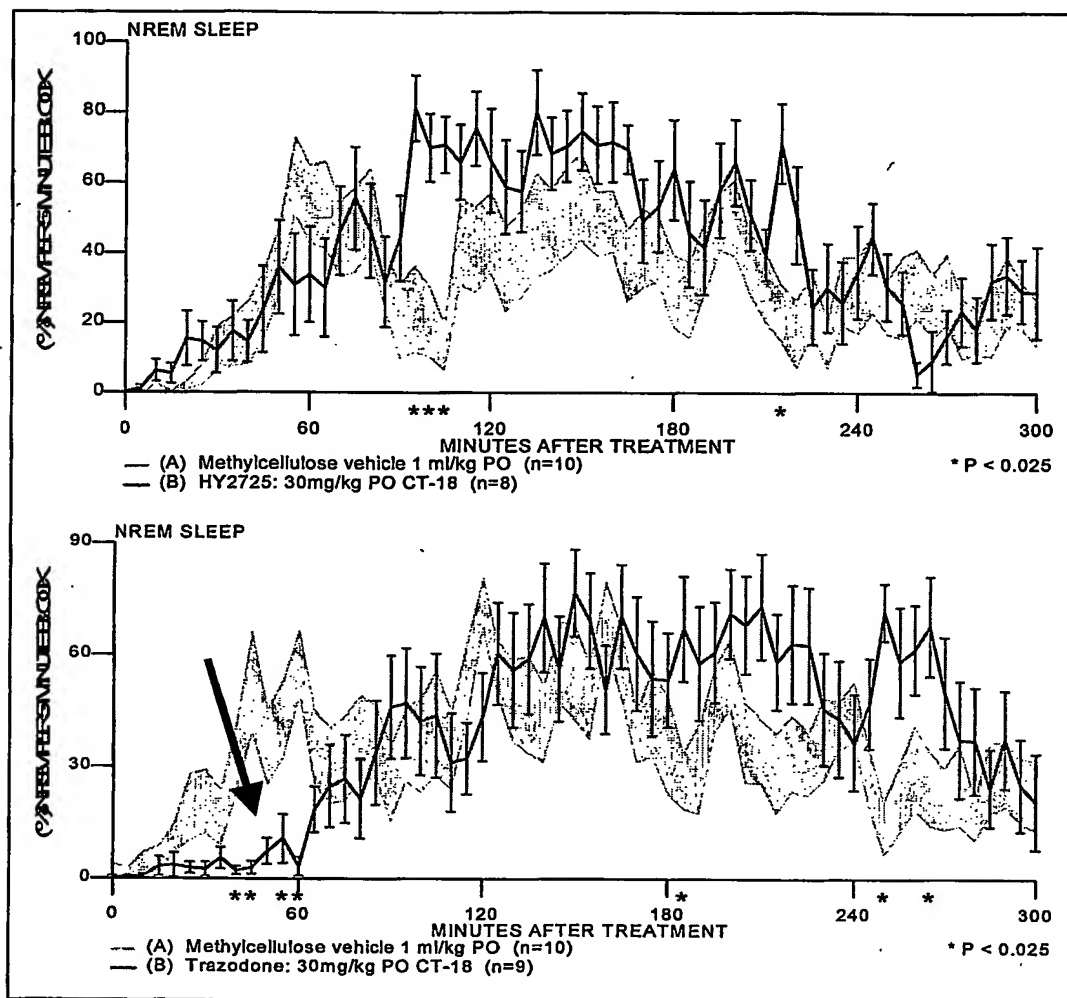
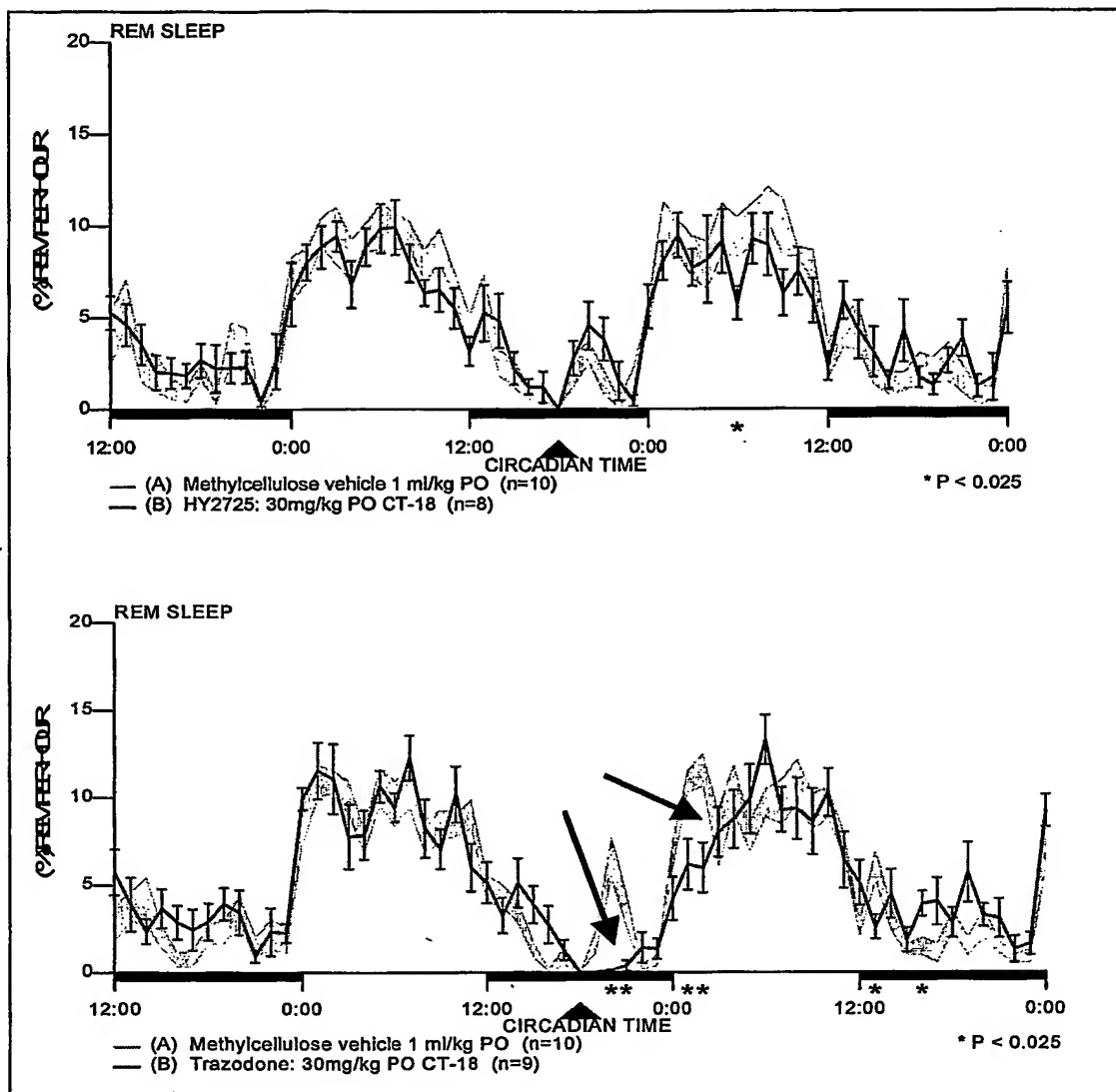
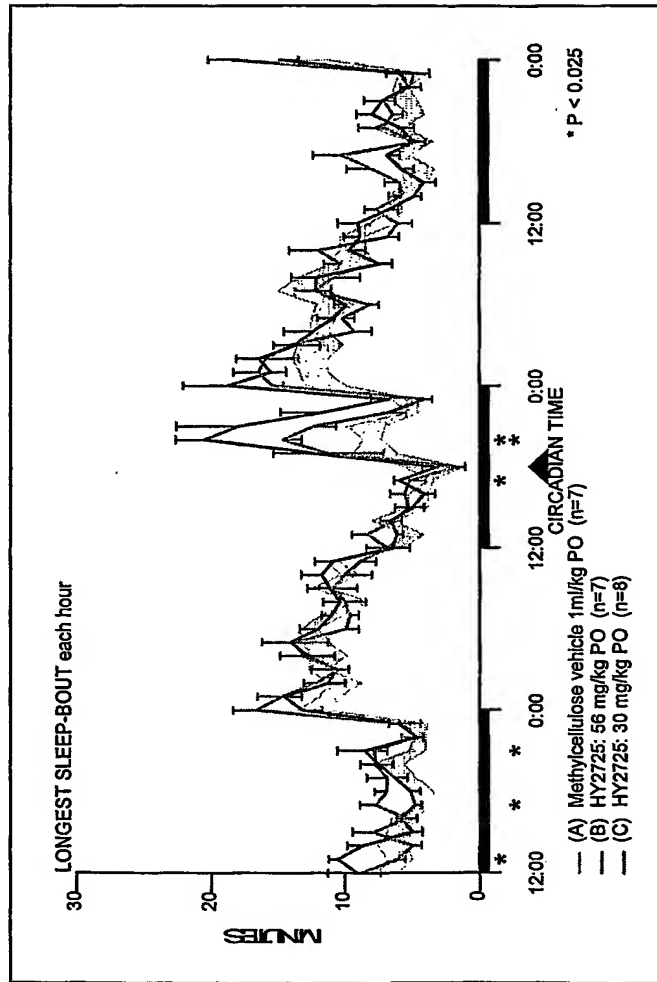


FIGURE 6



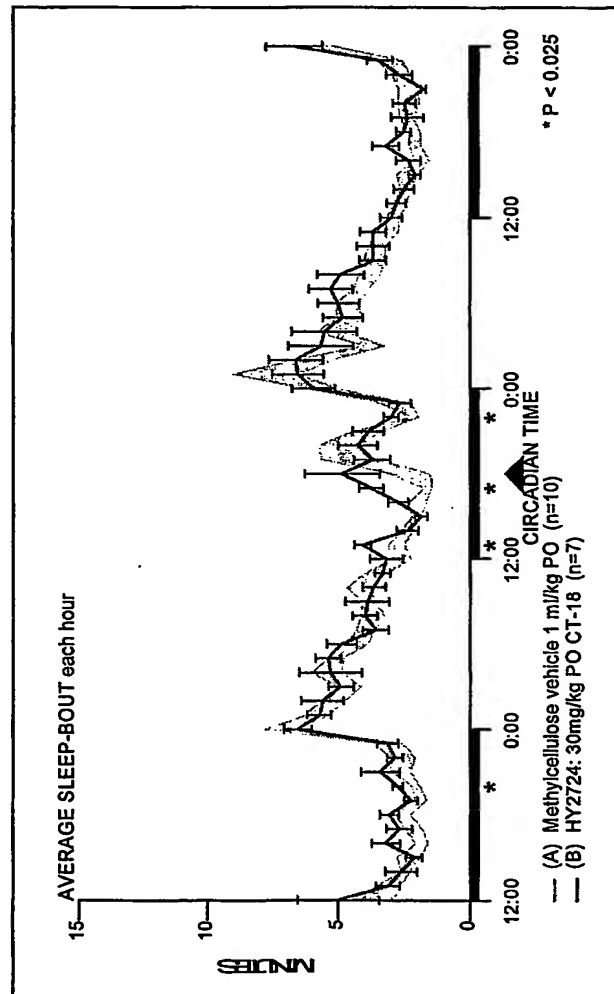
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FIGURE 7



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FIGURE 8



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